

1 This listing of claims will replace all prior versions, and listings, of claims  
2 in the application.

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4 **Listing of Claims:**

5  
6 Claim 1 (Currently amended): A method for selecting a color map for  
7 use in printing a document, comprising:

8 obtaining color space information about the document,;

9 obtaining at least two color maps, the at least two color maps representing  
10 device colors of ~~at least one~~ candidate printer; and

11 determining which of the at least two color maps will result in a printed  
12 document that is more consistent with the color space information and a desired  
13 rendering intent;

14 and wherein the at least two color maps are derived from color information  
15 obtained by sensors in a print path of the one or more candidate printer.

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17 Claim 2 (Canceled)

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19 Claim 3 (Original): The method of claim 1, wherein the determining step  
20 comprises:

21 analyzing a boundary of each color map; and

22 performing a best-fit analysis with respect to the color space information.  
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1        Claim 4 (Original): The method of claim 3, wherein best-fit analysis  
2 comprises mean and maximum difference calculations on boundaries of a color  
3 space consistent with the color space information and a color space associated  
4 with each of the at least two color maps.

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6        Claim 5 (Original): The method of claim 3, wherein best-fit analysis is  
7 based on calculating and comparing volumes of a color space associated with the  
8 document and of a color space associated with each of the color maps.

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10       Claim 6 (Original): The method of claim 3, wherein best-fit analysis is  
11 based on determining a percentage of colors used by the document contained  
12 within each of the at least two color maps.

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14       Claim 7 (Original): The method of claim 3, wherein best-fit analysis is  
15 based on determining the percentage of the area of the document associated with  
16 colors contained within each of the color maps.

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18       Claim 8 (Original): The method of claim 1, additionally comprising:  
19 generating a custom gamut mapping.

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21       Claim 9 (Original): The method of claim 1, additionally comprising:  
22 previewing an approximation of a printed appearance of the document  
23 based on at least one of the at least two color maps.

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1 Claim 10 (Original): The method of claim 1, additionally comprising:  
2 providing a preferences interface to an author, whereby the author may  
3 indicate a preferred rendering intent to constrain the determining step.

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5 Claim 11 (Original): The method of claim 1, wherein the desired  
6 rendering intent is based on an absolute colorimetric.

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8 Claim 12 (Previously presented): The method of claim 1, wherein the  
9 desired rendering intent is based on a perceptual rendering intent.

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11 Claim 13 (Original): The method of claim 1, additionally comprising  
12 locating the at least two color maps on a print server.

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14 Claim 14 (Original): The method of claim 1, additionally comprising  
15 locating the at least two color maps on individual printers.

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17 Claims 15-22 (Canceled)  
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